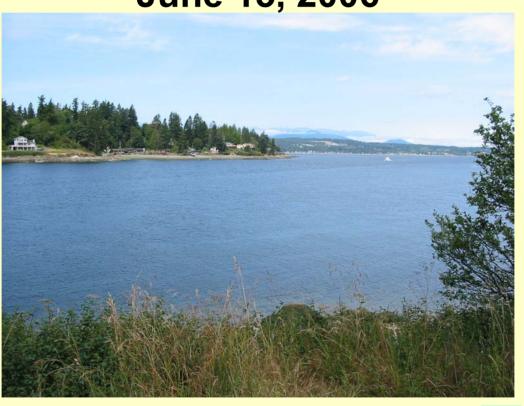
Sinclair and Dyes Inlets Fecal Coliform TMDL Community Advisory Committee Sally Lawrence Ecology Northwest Regional Office June 15, 2006





Ecology's Role – ENVVEST Partnership with EPA, Naval Shipyard

- State authority to protect Water Quality (federal Clean Water Act)
- Review Navy Technical Design
- Reinforce TMDL Requirements
- Follow TMDL Public Process
- Represent State Interest in Water Quality

Water Quality Standards Protect These Beneficial Uses

- Shellfish Harvest
- Fishing
- Contact Recreation
 - Swimming
 - Boating
- Aquatic Life (Fish & Wildlife Habitat)
- Shoreline Development
- Commercial & Industrial Activity
 - Shipping
 - Marinas
 - Shipyards













Sinclair and Dyes Inlets TMDL (Water Quality Improvement Plan) will include...

- Goal -- increase areas open to shellfish harvest (& protect other uses)
- Technical Study determine critical conditions and most important loading sources of bacteria
- Plan for reducing bacteria inputs with input from Tribes & local organizations



Update -- Sinclair and Dyes Inlets Fecal Coliform TMDL

- Ecology's role -- Review Navy model --Define critical conditions for TMDL model runs
- Outcome of modeling determine load allocations, wasteload allocations
- Implementation plan
 - Requirements (stormwater permittees and municipal sewage treatment facilities)
 - -- Recommendations

Implementation Plan – Nonpoint Sources

- Current programs (Kitsap Health PIC) to address bacteria inputs to streams
- Further identify fecal coliform sources (BST)
- Shoreline sources boats and marinas
- Better funding & programs to prevent/reduce spills/CSOs/replace aging sewer infrastructure

Implementation Plan – Point Sources

- Fecal coliform sources dictate strategies
- Stormwater as source/conveyor Ecology's new stormwater permit for smaller municipalities
- Stormwater permittees will have permit requirements (Best Management Practices – EPA guidance)
- Wastewater treatment plants could have reduced effluent limits for bacteria

Strategies, Methods for Reducing Fecal Coliform Inputs

- Battelle Sinclair Dyes Inlets FC TMDL Report
- Nonpoint action plans
- Ecology's Stormwater Manual,
 Volume IV, chapter 2
- Improved maintenance of stormwater infrastructure; education (Kitsap Health Dyes Inlet Centennial Grant project)

Implementation Plan – Next Steps

- September October Outline of strategy
 & process for developing a draft
- Ecology convenes an advisory workgroup
- Role of permittees
- Role of watershed organizations
- Requirements for stormwater permittees
- Additional recommendations supported by advisory workgroup

Advisory Workgroup Composition & Mission

- Agencies with responsible role, Tribes
- Parties that will be regulated (Navy, Cities of Bremerton, Port Orchard, Bainbridge Island, Kitsap County, WWTPs)
- Interested organizations
- Review & Contribute to an Implementation Plan
- Meet Fall 2006 Spring 2007